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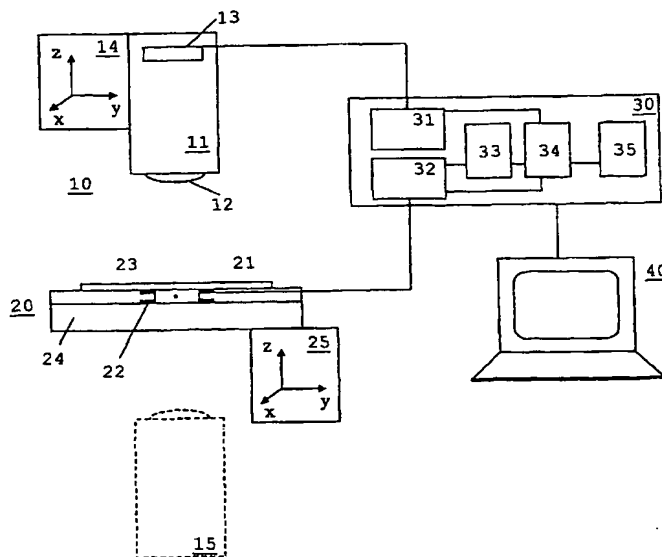
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(54) Title: METHOD AND DEVICE FOR 3 DIMENSIONAL IMAGING OF SUSPENDED MICRO-OBJECTS PROVIDING HIGH-RESOLUTION MICROSCOPY



(57) Abstract: A method for high-resolution image recording of at least one object with a microscope, comprises the steps of: positioning the object in a receptacle being arranged in the optical axis of the microscope, generating at least two first data sets per object which represent intermediate images of the object with at least two different orientations relative to the optical axis of the microscope, wherein the different orientations of the object are provided by moving the object relative to the receptacle, and evaluating the data sets for obtaining quantitative three dimensional information.

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	WO 00 37920 A (FUHR GUENTER ;GRADL GABRIELE (DE); MUELLER TORSTEN (DE); SCHNELLE) 29 June 2000 (2000-06-29) abstract page 8, line 10 - line 12 page 8, line 22 - line 24 page 9, line 19 - line 34 figures 1,3	1-22
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